Chiller Technicians are you tired of spending hours of your day behind the wheel in Austin traffic chasing chiller problems all over the area? Well Transwestern may have the perfect opportunity for you to be employed at the National Instruments Campus with one offsite building. Through our partnership the candidate that is hired will be treated as a National Instruments employee that happens to get paid by Transwestern.

***Why NI?***

For over 40 years, [**National Instruments**](http://www.ni.com/)has worked with engineers and scientists providing answers to the most challenging questions. Through these pursuits, NI has brought hundreds of thousands of great products to market, overcoming innumerable technological roadblocks, and engineering a better life for us all.

Historically, National Instruments has been a top 100 employer of choice as ranked by several different sources, including the [**Just 100**](https://www.forbes.com/just-companies/#7df7e7912bf0)from Forbes Magazine, which named NI one of the top corporate citizens and best places to work.  Maybe it is our fantastic work/life balance, or picturesque campus with ponds, hiking trails, beach volleyball courts, and collaborative meeting spaces.  If you want to work on cool stuff at a cool company, you’re in the right place!  Here’s a snippet of some of our core industry leadership.

 **Watch Video:**[**40 Years of NI Success**](https://youtu.be/Q_jt-XRjEl4)

•    **5 G –**Setting world records in spectral efficiency using MIMO

•    **Internet of Things (IoT) -**With NI’s technology providing unmatched capabilities in measurement, control, ruggedness, and connectivity, along with our expert ecosystem, you can realize the benefits of the Industrial Internet of Things (IIoT) today.

•    **Semiconductor -**NI semiconductor test customers report 10X improvement in test times while maintaining measurement and performance requirements.

•    **Autonomous Automotive -**As vehicles advance toward autonomous operation, test engineers face drastically increasing system complexity while dealing with ever present cost and time pressure.

•    **Aerospace & Defense -** NI provides industry-leading performance and accuracy with best-in-class synchronization for large systems, so you can get to the right decision faster

**more *@*** [***www.ni.com***](http://www.ni.com/)****[***facebook***](https://www.facebook.com/NationalInstruments/)** *[linkedin](https://www.linkedin.com/company/3433/jobs/)* ** [***twitter***](https://twitter.com/NIglobal?lang=en)** *[youtube](https://www.youtube.com/user/nationalinstruments)***

The ideal candidate will have:

* Demonstrated proficiency and competence necessary for the independent inspecting, diagnosing, repairing, maintaining, overhauling (tearing down and rebuilding), retrofitting, and proper operation of all electro/mechanical/fluid equipment and systems for large-tonnage commercial chiller applications.
* Extensive knowledge and experience with water-cooled chillers, air-cooled chillers, centrifugal chillers, reciprocating chillers, helical screw chillers, and cooling towers, as well as complex modifications of associated systems and components.
* Comprehensive knowledge of commercial HVAC systems, including: pumps, motors, fans, compressors, heat-exchangers, VFD’s, CRAC units, FCU’s, RTU’s, boilers, pressure vessels, plumping, ducted distribution, building automation systems, PLC’s, sensing and control devices, and other equipment.
* Demonstrated proficiency with Trane Tracer Ensemble BAS and Tracer SC.
* Working knowledge of personal computers and handheld computing devices, and competency with both general and trade specific application software. Proficiency in Microsoft Word, Excel, and Outlook is required.
* Seeks out and resolves root problems through the application of systematic diagnostic techniques as they relate to the assessing system functionality and establishing the cause of failure.
* Ability to organize and plan daily responsibilities effectively.
* Demonstratable spatial and mechanical aptitude and mathematical skills.
* Firm understanding of electrical theory.
* Advanced attention to detail and accuracy in all work
* Ability to prioritize own work load and work independently
* Able to clearly articulate work performed both verbally and in writing.
* Willingness to seek assistance when faced with problems that are beyond present knowledge, skills, and abilities.
* Ability to remain calm in a stressful or emergency situation that arises at the work site.

EXPERIENCE:

* Stable work history including seven (7) years of progressively increasing responsibility in the inspection, diagnosis, repair, maintenance, overhaul, retrofit, and operation of water-cooled and air-cooled chillers and associated system equipment.
* Direct experience in the operation and maintenance of facility systems preferred.
* Strong understanding of the intent and application of preventative and predictive maintenance (PM) processes, as well as the systems to monitor.
* Basic knowledge of construction processes and techniques.
* Knowledge of boilers and associated controls is preferred.
* Proficient at brazing and welding.

Requirements:

* High school diploma or GED
* Universal EPA Refrigerant certification
* Valid Texas driver’s license and reliable transportation.
* Ability to read, write, and speak English, and understand and communicate detailed and complex thoughts.
* Trane Chiller Certification, OEM experience, or factory training required.
* Daikin Chiller Certification, OEM experience, or factory training preferred.
* Must have the ability to tolerate extreme environmental conditions consisting of extreme heat, cold, noise, vibration, fumes, dusts, poor ventilation, gases and oils while using proper PPE to do so safely.
* Must have the ability to independently lift and carry objects weighing up to 20 pounds routinely, 50 pounds or more occasionally.
* The Company supplies uniforms for work and the candidate is expected to wear the Company issued uniform and wear them to maintain a professional appearance.
* Must have the ability to read blueprints and schematic drawings.
* Must be available for weekend, overtime and on-call work as required.

Essential Duties and Responsibilities:

* Performs work that is of an advanced level that is typically of a complex nature and requires creative solutions.
* Diagnoses, repairs, replaces, adjusts, and monitors controls on chillers and associated components for various manufacturers, i.e. Aaon, Trane, Liebert, DataAir, etc.
* Troubleshoots and repairs chillers of all types, i.e. hermetic, scroll, centrifugal, etc.
* Repairs components and performs complex modifications of mechanical, electrical, and electronic systems and components, including compressors, cooling towers, motors, pumps, fans, piping, transducers, flow switches, low pressure chillers, economizers, variable speed drives, etc.
* Test & repair leaks, adds refrigerant gas to build up prescribed operating pressure on all systems.
* Regularly monitors for proper operation of pressures and temperatures, records observations, and acts to correct deficiencies.
* Ensures mechanical systems are operating at peak efficiency.
* Installs replacement parts according to OEM specifications and safety guidelines.
* Maintains logs and other records to document maintenance and repair activities, and takes appropriate corrective actions before system outage occurs.
* Responds to and performs emergency repairs as required.
* Identifies critical components and maintains sufficient inventory to avoid the risk of a prolonged outage.
* Supports and assists other technicians and staff as needed or directed.
* Adheres to the established safety and personnel policies and standard operating procedures.
* Actively contributes to the departmental effectiveness and performance.
* Adheres to all applicable internal policies, federal and state laws, rules, regulations and controls.
* Manages multiple priorities simultaneously and meets deadlines, often in stressful and high-pressure situations.
* Determines the sequence of operations required to adjust and repair chillers and associated equipment by interpreting blueprints, manufactur~~i~~ng literature, and written or verbal instructions.
* Performs factory recommended annual maintenance inspections to ascertain the condition of chillers and associated equipment as per manufacturer specifications and guidelines and makes recommendations for repairs as necessary to keep the equipment in good operating condition.
* Responds to service calls for malfunctioning units and determines cause of problem utilizing testing equipment and meters; and knowledge of mechanical, electrical, and refrigeration principals and electrical, electronic (DDC), and pneumatic controls.
* Adjusts and calibrates pneumatic, mechanical, electric, and electronic controls, and sets them for appropriate temperatures, pressures, voltages, etc.
* Provides guidance in the installation of major new air conditioning systems including installation piping, pumps, and related equipment.
* Communicates effectively with management on a regular basis regarding equipment condition and needed repairs.
* Works with safety as a priority and adheres to department and company safety standards.
* Maintains relevant knowledge of industry through continuing education and training and shall maintain on-going required continued education, professional licenses and/or certifications as required by the position.
* Trains junior technicians in the latest state of the art techniques and prepares them for increased responsibility.
* Documents cause and remedy; and if problem has not been fixed, offers explanation of situation and proposed next steps.

**TEAM WORK APPROACH**

A detailed list of position responsibilities has been developed so that expectations are clearly communicated. However, it is rarely possible to provide a list that will capture all possible projects and assignments. Team members are expected to assist with additional assignments that may be requested by direct supervisors and to lend assistance to other members of the team, when appropriate.

**Transwestern offers a generous benefit package including 401k, flexible spending healthcare accounts, health, dental, and vision insurance. Paid vacations, sick time and holidays. Salary is commensurate with experience. EEOC**

**Send Resumes to:** **Barry.Peterson@Transwestern.com**